

UNITED STATES PATENT & TRADEMARK OFFICE

Examiner: Unknown Art Unit: Unknown
Applicant: KIM, Young Tae, et al.
Serial No.: 10/551,508
Filed September 29, 2005
For: **GENE INVOLVED IN THE BIOSYNTHESIS
OF CAROTENOID AND MARINE
MICROORGANISM, PARACOCCUS
HAEUNDAENSIS, PRODUCING THE
CAROTENOID**

RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

May 3, 2007

Sir:

In response to the Notification of Defective Response ("Notification") dated April 10, 2007, attached herewith is a substitute Computer Readable Form copy of the Sequence Listing, together with a paper copy of the Sequence Listing. The Notification indicated that the substitute Computer Readable Form copy of the Sequence Listing submitted on June 5, 2006 has been found to be damaged and/or unreadable. No changes have been made to the Sequence Listing, and the required Declaration to that effect is attached.

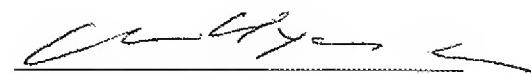
This response is being filed within the shortened period for response. Thus, no further fees are believed to be required. If, on the other hand, it is determined that any further fees are due or any overpayment has been made, the Assistant Commissioner is hereby authorized to debit or credit such sum to Deposit Account No. 02-2275.

Pursuant to 37 C.F.R. §1.136(a)(3), please treat this and any concurrent or future reply in this application that requires a petition for an extension of time for its timely submission as incorporating a petition for extension of time for the appropriate length of time. The fee associated therewith is to be charged to Deposit Account No. 02-2275. Any deficiency or

overpayment should be charged or credited to Deposit Account No. 02-2275.

Respectfully submitted,

LUCAS & MERCANTI, LLP



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Recognition No. L0306

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CERTIFICATE OF EFS-WEB TRANSMISSION
I hereby certify that this document is
being EFS-Web transmitted to the
Commissioner of Patents on the
date shown below.

May 3, 2007

LUCAS & MERCANTI, LLP

BY: _____



Carla Santos